

Known Models: J.C. Penney 981-6075 (Pinto SSB)

	Both RX & TX "A"	AM/LSB Only "B"	USB Only "C"		Both RX & TX "A"	AM/LSB Only "B"	USB Only "C"
Ch. 1 (26.965)	37.600	10.1815	11.0885	Ch.13 (27.115)	37.750	10.1815	11.0885
Ch. 2 (26.975)	"	10.1715	11.0785	Ch.14 (27.125)	"	10.1715	11.0785
Ch. 3 (26.985)	"	10.1615	11.0685	Ch.15 (27.135)	"	10.1615	11.0685
Ch. 4 (27.005)	"	10.1415	11.0485	Ch.16 (27.155)	"	10.1415	11.0485
Ch. 5 (27.015)	37.650	10.1815	11.0885	Ch.17 (27.165)	37.800	10.1815	11.0885
Ch. 6 (27.025)	"	10.1715	11.0785	Ch.18 (27.175)	"	10.1715	11.0785
Ch. 7 (27.035)	"	10.1615	11.0685	Ch.19 (27.185)	"	10.1615	11.0685
Ch. 8 (27.055)	"	10.1415	11.0485	Ch.20 (27.205)	"	10.1415	11.0485
Ch. 9 (27.065)	37.700	10.1815	11.0885	Ch.21 (27.215)	37.850	10.1815	11.0885
Ch.10 (27.075)	"	10.1715	11.0785	Ch.22 (27.225)	"	10.1715	11.0785
Ch.11 (27.085)	"	10.1615	11.0685	Ch.23 (27.255)	"	10.1415	11.0485
Ch.12 (27.105)	"	10.1415	11.0485				

Additional Crystals: 453.3 KHz Carrier Osc..

Synthesis: "A" - "B" - 453.5 KHz = AM/LSB carrier frequency;
 "A" - "C" + 453.5 KHz = USB carrier frequency.

Example: For Ch.1, 37.600 MHz - 10.1815 MHz - .4535 MHz = 26.965 MHz AM/LSB
 37.600 MHz - 11.0885 MHz + .4535 MHz = 26.965 MHz USB

Modification Method: Changing the 37 MHz Master Oscillator crystals gives four consecutive channels per new crystal, in one of the six channel groups shown above. Add or subtract the desired up or down shift directly to the 37 MHz mixing crystals.

Compliments of:

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